

# INTERNATIONAL SEARCH REPORT

PCT/EP2004/014590

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07F9/40 C07C321/08 C07D213/64 C07D213/71

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07F C07C C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BEILSTEIN Data, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	E. KNOEVENAGEL, W. CREMER: "Synthesen in der Pyridinreihe. Ueber die Einwirkung von Malonester und Malonamid auf Aminoacetylaceton" CHEM. BERICHT, 1902, pages 2390-2396, XP0009027847 the whole document	1
A	REUBEN G.J. ET AL.: "Preparation and Reactions of Some Penta-substituted Pyridines" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, vol. 73, no. 12, 1951, pages 5610-5614, XP002274782 the whole document	1

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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance, the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

3 May 2005

Date of mailing of the international search report

17/05/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 993 656 A (ROONEY CLARENCE STANLEY ET AL) 23 November 1976 (1976-11-23) column 3-4, Method II, synthesis of E -----	1
A	WO 02/30901 A (BOEHRINGER INGELHEIM CHEMICALS) 18 April 2002 (2002-04-18) Page 7, scheme 8 -----	1

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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WO 0230901	A	18-04-2002	AT	266004 T	15-05-2004
			AU	9131301 A	22-04-2002
			CA	2425494 A1	18-04-2002
			DE	60103173 D1	09-06-2004
			EP	1326836 A1	16-07-2003
			ES	2220805 T3	16-12-2004
			JP	2004529856 T	30-09-2004
			PT	1326836 T	30-07-2004
			TR	200401051 T4	21-07-2004
			WO	0230901 A1	18-04-2002
			US	2002052507 A1	02-05-2002
			DK	1326836 T3	01-06-2004